

Evident amendments **10/574707**
CLAIMS
JAP20 Rec'd PCT/EP 05 APR 2006

1. An anti-intrusion device for detecting possible attempts to open a housing, comprising at least one spring (3), the spring being arranged in such a way as to be under pressure and act electrically on an electronic circuit (2) when the housing is closed, and to no longer act on the electronic circuit when the housing is open.
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2. The device as claimed in claim 1, in which an end of the spring is fixed to an internal surface (51) of the housing.
- 15 3. The device as claimed in claim 1, in which the spring is placed in a guidance device (52) arranged so as to guide the spring along the longitudinal axis of said spring.
- 20 4. The device as claimed in the preceding claim in which the guidance device exhibits a substantially cylindrical recess, in which recess the spring is intended to be placed.
- 25 5. The device as claimed in claim 1, in which the action of the spring on the electronic circuit is effected through an electrical contact between a conducting part of the spring and conducting tracks (51, 52, 53, 54) of the circuit.
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6. The device as claimed in claim 1 or 3, furthermore comprising an elastomer membrane (1) in which is molded at least one button (11), the membrane being arranged so that the spring presses on the button when the housing is closed, and so that the spring leaves the button unstressed when the housing is open, the button
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being arranged in such a way as to act on the electronic circuit when it is placed under pressure by the spring, and to no longer act on the electronic circuit when it is left unstressed.

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7. The device as claimed in the preceding claim, in which the action of the button on the electronic circuit is effected through an electrical contact between a conducting part (12) of the button and 10 conducting tracks of the circuit.

8. The device as claimed in claim 6, in which the button exhibits a shoulder (13) arranged so as to keep the spring in position with respect to the button.

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9. The device as claimed in claim 6, in which the elastomer membrane also comprises keypad key buttons.

10. The device as claimed in claim 1, in which the 20 housing is a housing of an electronic payment terminal or a housing for entering a confidential code.

11. ~~system comprising an anti-intrusion device as claimed in claim 1 and a circuit on which this anti-intrusion device acts, the circuit comprising at least one conducting zone at a determined potential, placed around the location where the spring acts on the circuit.~~

11. The device as claimed in claim 5, characterized in 30 that when the spring is in contact with the electronic circuit, the last turn (55) of said spring is electrically linked to the various conducting tracks (51, 52, 53, 54) or at least two of them.

35 12. The device as claimed in claim 7, characterized in that when the conducting part (12) of the button is in

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contact with the electronic circuit, the conducting part (12) of said button is electrically linked to the various conducting tracks (51, 52, 53, 54) or at least two of them.

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13. The device as claimed in any one of claims 11 to 12, characterized in that a conducting zone (61) is disposed around the conducting tracks (51, 52, 53, 54), the conducting zone (61) being linked to a determined potential.

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